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1 Routine/Function Prologues

1.0.1 *clm2_output.F90* (Source File: *clm2_output.F90*)

This subroutines sets up methods to write CLM2 output

INTERFACE:

```
subroutine clm2_output
```

USES:

```
use lisdrv_module, only : lis, tile
use clm_varctl, only : clmdrv
use spmdMod, only : masterproc, npes
```

CONTENTS:

```
if(lis%o%wsingle==1) then
!-----
! Write output with each variable in a single file
!-----
  if(mod(lis%t%gmt,clmdrv%writeintc2).eq.0)then
    if ( lis%d%domain == 8 ) then ! special 1km regional domain
      call system('/data1/pool/control/traffic-wait.pl')
    endif
    do i=1,11
      call clm2_singlegather(i,var)
      if(masterproc) then
        call clm2_singleout(var, i)
      endif
    enddo
    do i=14,35
      call clm2_singlegather(i, var)
      if(masterproc) then
        call clm2_singleout(var,i)
      endif
    enddo
    if ( lis%d%domain == 8 ) then ! special 1km regional domain
      call system('/data1/pool/control/traffic-go.pl')
    endif
    call clm2_totinit()
  endif
else
!-----
! Write bundled output
!-----
  if(mod(lis%t%gmt,clmdrv%writeintc2).eq.0)then
    if(npes > 1 ) then
      call clm2_gather()
    endif
  endif
```

```
    if(masterproc) then
      call clm2_almaout()
    endif
    call clm2_totinit()
  endif
endif
```